

# ACAM Flight Report

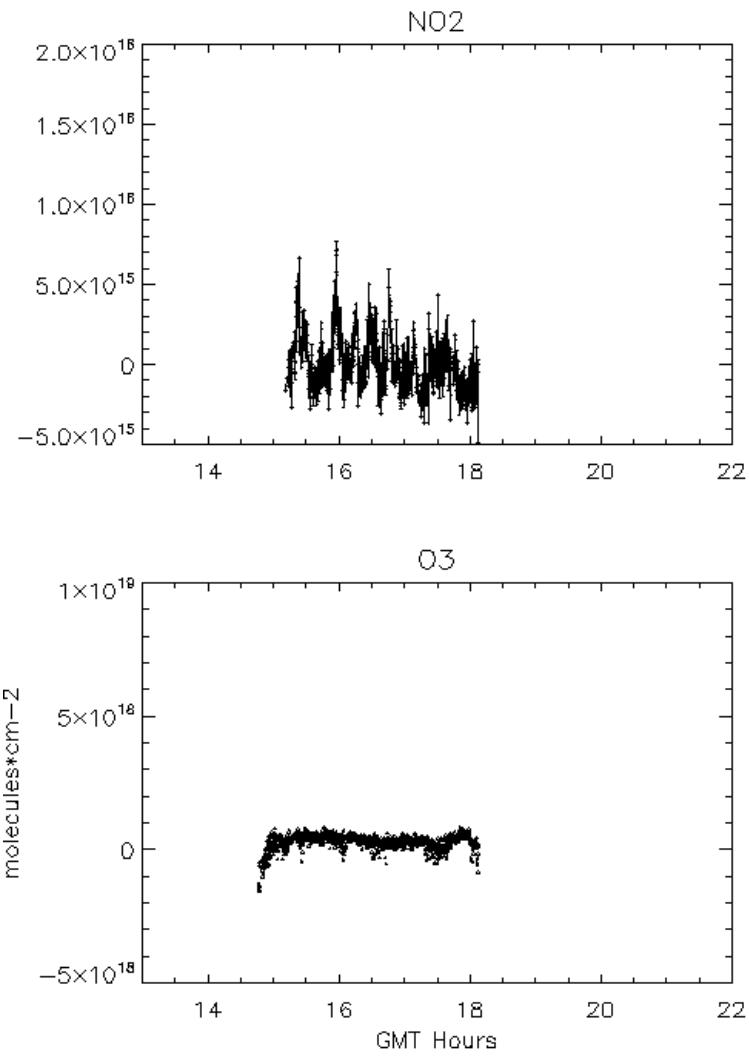
## Flight #7 – 07/16/2011

### Operations and instrument status

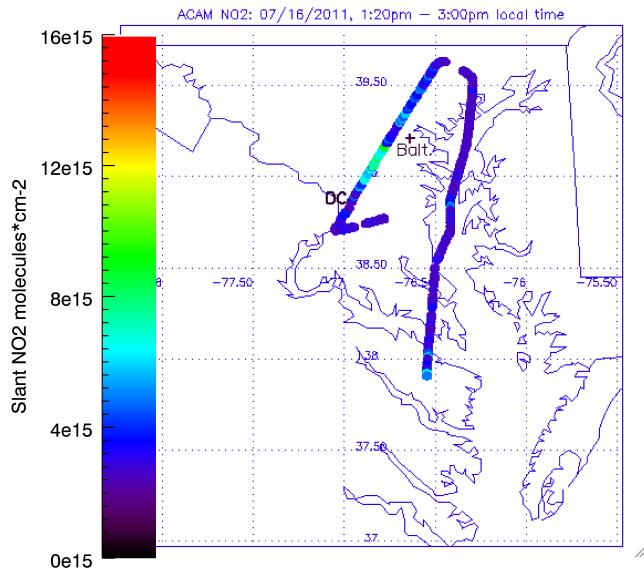
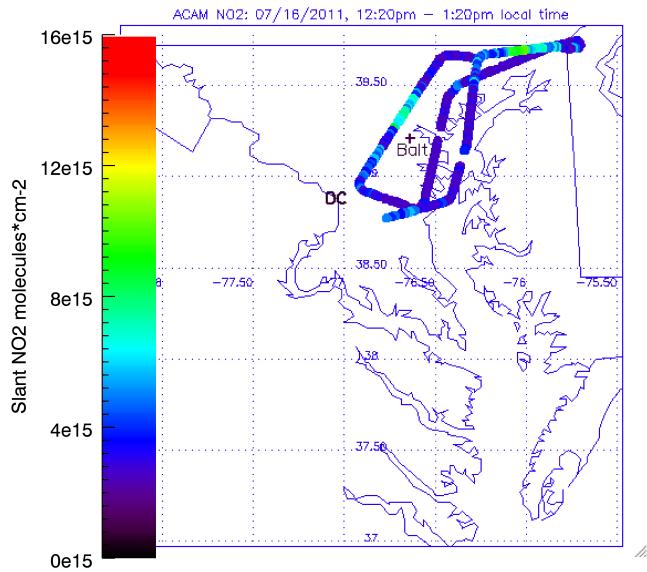
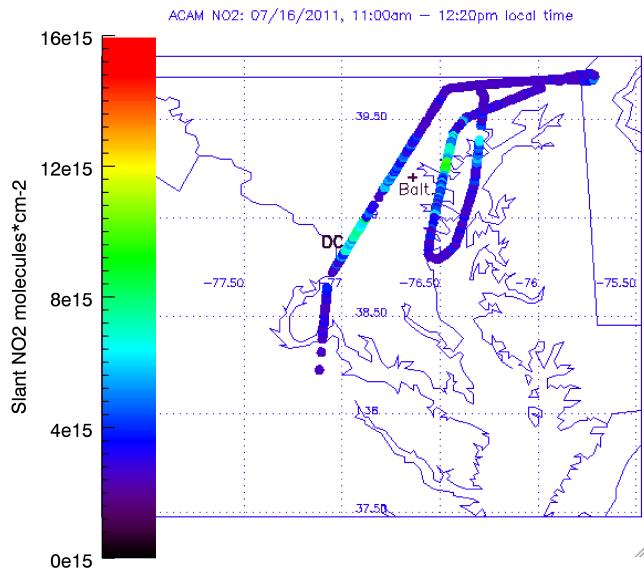
Instrument performance was normal.

### Science Summary

NO<sub>2</sub> measurements are shown below as differential slant column values relative to an average of spectra taken between the periods of 16.8 to 17.2 UTC. NO<sub>2</sub> levels are relatively low and similar to those seen on the 14<sup>th</sup>. Only the 1<sup>st</sup> segment was flown today so that HSRL could troubleshoot laser issues.



Time series plots of NO<sub>2</sub> and O<sub>3</sub>.



Preliminary NO<sub>2</sub> data. Swath averaged resolution 7.5km x 1.2km